

Midstate ARC

PUBLIC SERVICE P.O. BOX 21
ACTIVITIES WHITELAND, IN

N9AZD/R UP 140 ft. Frequencies Will Change!

MIDSTATE NEWS

The Midstate Amateur Radio Club

~~Midstate Amateur Radio Club~~
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President - Paul Thomas, KA9DTH
881-6338

Vice President - Joan Kemp, N9DON
736-0355

Sec/Treas - Tom Carroll, N9AZD
535-8047

Trustee - Darrell Sego, KM9S
736-4049

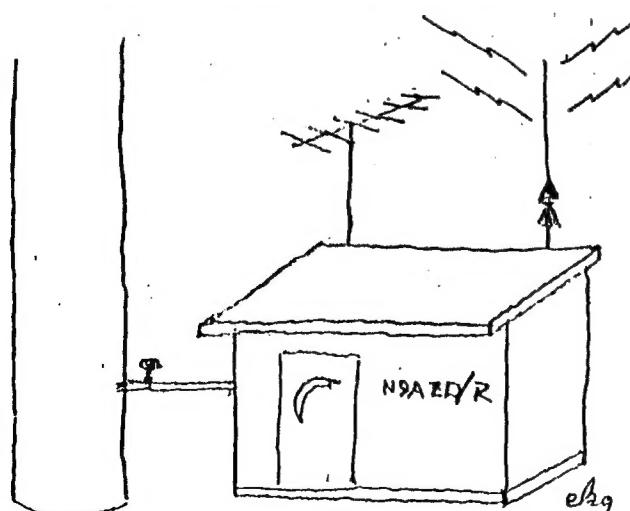
Activities - Ed Woods, WD9DOVA
887-3510

ARES E.C. - Dan Dews, KK9G
881-9792

NEXT MEETING
SEPTEMBER 21, 1985
HOUSE OF FRANKLIN
FRANKLIN, INDIANA

Breakfast: 0730
Meeting: 0800

This is a particularly important meeting for Midstate members. Voting for next years club officers will take place, as well as a chance to say thanks to those who worked hard the last year.



Gee - Even Running Water

N9AZD/R UPDATE

The town of Whiteland has given its approval to the Midstate Amateur Radio Club to mount its repeater on a Whiteland water tower situated on the town water-works facility. This tower, located east of US31 on Whiteland Road, has a usable height of approximately 140 feet, or 940 feet above sea level. The projected date of the move is October 1, 1985. A topographical site study, conducted by N9EKG, Mark, indicated that the new site will provide the county-wide coverage desired by the Midstate repeater users.

This will also be the start of an AUTO-PATCH project, possibly using the donated facilities at University Heights Hospital in Marion County for the link-up loop. An alternative frequency for operation of the N9AZD/R has not yet been found, but the order of business remains the same: we're moving. The high ridge which separates the club from the western part of the county would no longer be a problem, and the reliability of the new solid-state gear is being proven daily-providing Midstate with the communications so desperately needed.

This project will use the expertise of all the members of the club available; from climbers to painters. Upcoming nets will provide more information, but for now if there are any questions or volunteers, please call me at 535-8047.

-N9AZD
TOM

WELCOME TO MIDSTATE

Stan Mount, KA9OQQ

1985 MIDSTATE ARC SURVEY THIS ISSUE:
MAIL TODAY!! The nationally acclaimed
COSMIC ORDER OF RFstarts-more inside!

9/85

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QRM DE NB9M

It's election time again, and we're all wondering who will be our new leaders upon completion of our first full "fiscal" year. We have found just how important strong leadership is for our survival and growth.

As Paul, KA9DTH would tell us, being a president of an organization such as Midstate ARC is no small chore. In particular, conflicts of interest are two of the major battles a president must be able to smooth out while standing bravely between the two opposing forces. I wish to thank Paul for using his talents on our behalf.

A growing entity of individuals like us needs creative, and above all, dedicated people who can take charge. If an officer cannot present ideas, or endorse them in order to serve his/her position of office, a weak link is created that can affect the entire organization.

To those who are elected, we wish the best of luck. For awhile, it may seem futile, like kicking a dead cat. But remember, you wouldn't have been elected if you weren't needed.

To those who elect, let's weigh our thoughts carefully and realistically.

-NB9M

BRADE

Club T-Shirts

call Dave, KA9OOH at 784-1044
Dave only needs a few more orders to save each person a few more bucks.

THE PRESIDENTS DESK

Several years ago Bill Fisher, KG9K and I discussed starting an ARES net during a QSO on the HF rig. Neither one of us had any idea that in 1985 that idea would evolve into a 50 member, ARRL affiliated club, supporting Dan Dews and his ARES effort, a club repeater and numerous community activities. Midstate ARC has displayed a unique talent: the more activity it has, the more energy it develops.

To each of you...THANK YOU. The support you have offered the club officers this past year has been wonderful and the results are visible. The most important result is the many continuing and new friendships that flourish.

Dave Wendt, KA9OOH has been a great support to me personally and to the club as a whole while serving as ex-officio. I pledge (within my ability) that same support to the new officers and the club during the next year as I assume the role of ex-officio. My sincerest thanks to Joan Kemp, N9DON and to Tom Carroll, N9AZD who served with me though thick and thin. To Dave Distler, KN9E and to Larry Oaks, WB9YAJ for their relentless pursuit of perfection with the repeater. To Brad Stone, NB9M for the many hours required and the release of his journalistic energies which result in one of the best newsletters in the state. Once again, thanks to all and lets keep that energy flowing.

-KA9DTH

Paul

KURCHUNKER FUND ESTABLISHED

A Kurchunker drawing is now being held at the regular monthly meetings. The winner for the month of August was WD9HJN, John McCartney, who was not present (sorry, John!).

Here is how it works:

A number is assigned to each Midstate member, and as the member enters a monthly meeting, they may wish to contribute to the "Kurchunker Feedline". He/she puts a dollar in the "Kitty", and puts his/her callsign on the list. At the conclusion of the meeting, the winner is announced. If the winner is present, he/she walks home with half the "kitty". If the winner is not present, half the sum is added to the following months Kitty. In any case, the remaining half of the "Kitty" goes to the repeater committee to add to the rapidly dissipating N9AZD/R fund. Beats bingo, and provides for something needed: warm bodies and cold cash.

the new improved MIDSTATE NEWS

This is the first issue of what is hoped to be a successful format for the Midstate ARC Newsletter, the Midstate News.

The roots of this publication date back several years to the JO-CARES newsletter (Johnson County ARES), with whom many of the original members remain with Midstate. Larry Kemp, N9DLN and Paul Thomas, KABDTH have both had a part in the continuing evolution of a publication dedicated to Keeping Johnson County hams informed.

With more subscribers, a repeater, and a full blown organization, a more reliable means of written communication and record keeping has been needed. Presently, two computers, both Commodore 64, are used to maintain files and prepare this newsletter. KM9S, Darrell, prepares the mailing labels and memberships rosters. The system employed by the editor uses a word processor to create the newsletter text and format, and store virtually everything but the Club Logo on diskette (we're working on a program to generate the logo as well!). Other information which is stored on diskette and available postpaid as a printout to club members are:

- 1.....Back issues
- 2.....Specific articles/features
- 3.....Midstate ARC Roster
- 4.....Updated library information
- 5.....Volunteer Exam Schedules
- 6.....Hamfest dates and information

Beginning this issue, the Midstate News will be published bi-monthly and in the mail by the 5th of the month issued. All submissions to the Midstate News must be postmarked by the 25th day of the month previous to issue. All articles of interest to Midstate Amateur Radio Club are welcome.

Each issue will feature:

January---PROJECTS
March---MEMBERSHIP DRIVE
May---SPOTLITE: CELEBRITY INTERVIEWS July---MIDSTATE ARC ROSTER
September---QSL CONTEST/YEARLY SURVEY
November---LOOKING BACK

All submissions and inquiries should be addressed to:

THE MIDSTATE NEWS
1813 Southwood
Greenwood, IN
46142

RESULTS

Winner
KN9E

Congratulations to Dave Distler, Winner of a new ARRL 1985 Handbook, for his appealing QSL card. In second place was Tom Carroll, N8AZD with his unusual train graphics, and in third was the simple but effective card belonging to Til, KI9R. Thanks to everyone who entered, and we will see you all next September.

(ALL ENTRIES ARE JUDGED BY A PANEL OF IMPARTIAL BUT OPINIONATED NON-HAMS.)

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THE COSMIC ORDER
of RF

Wendall Gorden, picture of a man about hamfests. A man consumed with passion for early morning biscuits and gravy and a prepaid ticket at the gate. Wendall Gorden: a grizzled, gnarled figure, laboriously going from table to table, going through boxes of crystals. Peering inside a National. Reaching for an H.T...

"Hey Mister, why do you carry so many radios?" asked a boy who was walking a collar with no dog in it. Nervously, Wendall reseated his \$4.00 cap on his head and made his way to the commercial vendors without answering.

An FT209R, TR2400, TR2500 and an IC4AT were being fitted with Vocoms and reconfigured on Wendals belt when he saw the SX110, glistening in the Ohio morning sun.

"What cha gettin for th'110?"

"Three seventy five," was the answer.

Wendall's eyes bulged; his face was livid. His breathing became labored, and he clutched a nearby TR7 before he fell, ultimately lying inert on a bundle of QST's that were carefully labeled "1962 through 1965."

"Too high?" the vendor queried.
"Make me an offer..."

THE police report indicated suicide. The autopsy indicated strangulation. The witnesses are even now too frightened to comment. For Wendall Gorden, there would be a long dry spell before the next hamfest: around his neck were entangled two speaker/mic cords...

...Just one of many openings in the band of life- the band we know as THE COSMIC ORDER OF RF...

-Snidely F. Milligan

THANK YOU...

I want to take this opportunity to thank the members for allowing me to be your Vice-President during the past year. I appreciate the aid and support you've shown me while I've endeavored to complete my duties.

I am sure the next Vice-President you choose will do a good job.

Enclosed with the newsletter you will find an envelope addressed to me with an information card enclosed. Please complete the card and return the card to me, either by itself, or with the 1985 Midstate Survey. If it is sent along with your completed survey, the information you submitted on the survey will remain confidential.

Also, any information you put on this card will be used for Midstate/ARES purposes only, and will remain confidential.

Yours Truly
-Joan Kemp
N9DON

1985 FIELD DAY
RESULTS

399 CW QSOs
1223 PHONE QSOs

1622 TOTAL NON-DUPED
CONTACTS

4042 TOTAL QSO POINTS
600 BONUS POINTS

4642 TOTAL USEABLE POINTS
SUBMITTED TO ARRL

Thanks to all,
-N9EKG
Mark Quebe

HAMHOCKS

YAESU FT221 Multi-mode 2-meter base.
Complete with mobile cord, manual and
sub-band updates.

NB9M, BRAD 882-5245 \$225.00

MIDSTATE LIBRARY UPDATE

The Midstate ARC library is a valuable resource for builders and researchers in the organization. Presently, there is quite a bit available to club members, but Tom, N9AZD, is quite sure there is room to fill in some gaps. Due to the lack of space, exactly what is needed can't be printed in a comprehensive form, but the following will give you, the member an idea of what we need:

QST...1979, 1980, and 1975 down.

CG....1978 through 1983, 1973 down.

Ham Radio... 1978 to present,
1975, 1973 down.

73....1978 through 1983, 1975 down.

Also available to members is the 1978 ARRL Handbook, SSB For the Radio Amateur, ARRL 1984-1985 Repeater Directory, and Howards W. Sams Practical Radio Projects books. Additionally, the library has The Giant Book of Electronics Projects (TAB BOOKS) and The Complete Idiots Guide to DX (BASH). The list is growing, but not fast enough. Do you have a box of magazines to dispose of? Ham or Electronics related books? Give Tom, N9AZD a call at 535-8047.

HAMFEST CALENDAR

SEPT 1.....BLOOMINGTON

SEPT 8.....FINDLAY, OHIO

SEPT 15.....PEORIA, ILL

SEPT 15.....CINCINNATI, OH

OCT 4-6.....LOUISVILLE, KY

OCT 13.....BEDFORD

NOV 10.....FORT WAYNE

Call the editor for any additions, corrections, or information on the above hamfest listings. Some maps are available, as well as call-in frequencies for most of these hamfests. If the needed information isn't handy, we will find it for you!

NEED club roster?
Call the editor at 882-5245

EXAMINER EXCERPTS

The South Central Indiana Volunteer Team's schedule for the remainder of the year is as follows:

SEYMORE.....August 24

October 26

December 28

COLUMBUS....September 28

November 23

At Seymour, the testing will be done at the Federal Building, and in Columbus at IVY TECH College. All examination sessions start at 9:00 A.M.

While the team primarily serves the south-central portion of the state, it is not limited by boundaries. If you live out of the area, and feel that there is need for an examination session there, contact KG9K, KM9S or KN9E.

The Seymore facilities are ideal, with private parking, private entrance, air-conditioning and rest rooms; but the turn-out has not been as expected. The Examiner Team is looking at the possibilities of moving to Franklin after the first of the year.

Volunteers will be needed for the Test Support Team in the form of talk-in control, parking, parking lot security, door-attendant, etc. The entire ham community is needed to take part in the Volunteer Examiner Program. It is all we have, and it is up to us to see that it works!

Give the idea some serious consideration and let your feelings be Known to the Midstate ARC.

-K1SR
TIL

AMATEUR CALL SIGNS

As of June 1, 1985, the latest amateur radio call signs issued by the FCC were: NE9X, KD9PW, N9FFO, KASTUR. These are, of course, only the 8-band listings; call the editor if you wish to know about the other areas. At present, the turn-around time for the issuance of a station license is approximately 21 days.

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Special Report
**THE MAGIC
OF RADIO**

Do you remember the time your interest in radio was first triggered? Was it a long time ago, when the art was still in its infancy, or fairly recently, when Citizen's Band equipment was first available at a reasonable price? Isn't it easy to recreate in your mind the night when you first tuned across the shortwave bands, or first peered inside one of those magical boxes?

The special kinship the radio amateur has with radio is one that is rarely felt outside our circle, and perhaps not easily understood by others. After all, why talk to someone across the world when "you don't even know him?" or "pound brass" when Morse code is so "archaic?"

Only a few decades ago, before the word "electronics" came about after WW2, the amateur radio operator was regarded with respect and even awe, possibly because we understood and utilized a force that was only beginning to become a viable form of communication. The strange crackles in the headphones, and the smell of ozone only added to the mystique.

Much of our history has been forgotten by the general public; how many people remember that hams were among the most sought after personnel in both world wars?

Why should anyone listen, build and communicate with radio equipment when we have telephones, televisions and computers to do the job faster or easier?

As most of us are aware, there are two forms of electronics: digital and analog. And of course, radio falls into the analog category, along with human sight, hearing; our basic biology! In fact, it seems apparent that virtually everything natural is analog in design. So, everything digital (digital computers, for instance) must be translated into analog form before it can be perceived by our senses. It is for this reason, basic as it sounds, that changes are in the making.

Recently, the demand for analog design engineers and for electronics technicians with RF experience is exceeding the demand for those whose expertise is in the digital field. Universities, who have graduated electrical engineers who don't know mixers from IFs, are blowing the dust off of the radio theory books.

Soon, I feel, electronics technology, so highly publicized and misunderstood, will come full circle in its digital form. The youngsters who now spend their time poking keyboards may soon try to pull out a station in the static, and they won't be alone.

-NBSM
BRAD

HAM OF THE DAY: Bob Doles, WBSAYB

Bob has been an amateur for over 20 years, originally licensed as WNSAYB, and presently holds a General Class license. Bob and his lovely wife Barbara have lived in Johnson County for 13 years, raising three harmonics, Debra, Dan and David. Active on CW, Bob does check in for some traffic handling on the 3910 net occasionally with his FT101E.

Bob is an assistant principle at the Custer Baker School.

Another Fund Raiser Drive?

Unfortunately, yes. The Midstate Amateur Radio Club has both a repeater and a newsletter. Research has shown that these two items are considered the most important things in any amateur organization. In fact, 73 magazine singled out newsletters as being the single most important feature of a club. The Midstate News is no doubt important, to some degree, to all of the members. However, like the repeater was, WE ARE OUT OF MONEY.

Actually, the newsletter never had any money except postage allotted to it! Any additional expenses were absorbed by the editor and other concerned parties.

After this edition, we will no longer be able to have the 60 issues copied for nothing. With this much material, offset printing is cheaper than the photocopy process, and a much better product results. You have in your hands the potential product. Do you like it? Imagine it printed; not copied. You may like it more. The cost? The quotes are all the same: about \$30.00 for each issue.

Excluding postage, the Midstate News is short approximately \$180.00 for a years worth of newsletters. The editor will make every effort to cut costs (locating printing facilities in schools/colleges, accepting advertising, etc) but until these methods are found, money must be had now.

Next year will bring in fresh funds, an effective repeater (probably with a phone patch) and increased benefits to Midstate Members.

Will you invest in the future? If You wish to donate, please send your check to: **Bradley Stone**

THE MIDSTATE NEWS
1813 SOUTHWOOD, GREENWOOD, IN
46142

Donaters will be listed in the Midstate News, unless there is an indication of a desire to remain anonymous. Any donation, \$1.00 to \$50.00 adds up, guys.

Thanks! -editor

PAN AM HAMS

(Thanks to WB9ZQE for the following)

The following individuals have accepted coordination positions to work with the amateur community as the time for the 1987 games draw near:

John Patton	WB9WPV	Operations
Bob Droker	W9MOY	Legal
Steve Abner	KB9B	Technical
		Support
Kurt Pauker	KT9M	Special
		Events
Mike Galloway	WA9AVQ	Traffic

Steve, KB9B is in the process of forming a group comprised of Indiana tech committies to analyze the possibilities of establishing a "super link system," conceivably providing state-wide coverage, HANDHELD!

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1985
MIDSTATE MEMBERS SURVEY

YES NO

Has the Club officials assisted, organized and executed programs for club development and provided a means to aid the community?

What additional features would you like to have incorporated into the N9AZD/R, if any?

.....

Do you favor an increase in dues to \$18.00 to meet club expenses?

Do you feel that the club funds were spent wisely and efficiently?

.....

Have you participated in any organized club activities within the past year?

Do you feel you have been adequately informed of the N9AZD/R technical committee actions and decisions?

.....

Do you think the ARES and Midstates ARC nets should be segregated by placing them on different evenings?

Has the N9AZD/R met your needs as a user?
If not, why?

.....

Has the Midstate Newsletter been concise, informative and entertaining?

.....

Do you feel the time and place of the Midstate ARC monthly meetings are convenient?

.....

Additional comments and/or suggestions

.....
.....

DETACH AND RETURN

MIDSTATE ARC

P.O. BOX 21
WHITELAND, IN
46184

PHOTOGRAPHIC FILMS IN ACTION